

HAND RECEIPT

**COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI). BASIC
ISSUE ITEMS (BII). AND ADDITIONAL AUTHORIZATION LIST (AAL)**

FOR

**TOPOGRAPHIC SUPPORT SYSTEM
MOSAICKING/DRAFTING SECTION**

**MODEL ADC-TSS-10
NSN:6675-01-106-6815**

This Manual Supersedes TM 5-6675-321-14-HR, 6 September 1983

**HEADQUARTERS, DEPARTMENT OF THE ARMY
3 SEPTEMBER 1985**

Hand Receipt
TM 5-6675-321-14-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C. 3 September 1985

HAND RECEIPT
COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI),
BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)

FOR

MOSAICKING/DRAFTING SECTION

TOPOGRAPHIC SUPPORT SYSTEM

NSN 6675-01-106-6815

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual, directly to: Commander, U.S. Army Troop Support Command, Attn: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished to you.

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HAND RECEIPT FOR CONTENTS OF
COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND
ADDITIONAL AUTHORIZATION LIST ITEMS FOR
MOSAICKING/DRAFTING SECTION
TOPOGRAPHIC SUPPORT SYSTEM
NSN 6675-01-106-6815

Section I. INTRODUCTION

1. SCOPE . This publication provides overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Mosaicking/Drafting Section Topographic Support System.

2. GENERAL.

a. Section II is the overprinted DA Form 2062 which lists the line item entry for System/End Item and the content of COEI, BII, and AAL extracted from TM 5-6675-321-14. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-6675-321-14.

b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.

c. Local reproduction of the overprinted DA Form is authorized. However, organizations shall comply with local policies on the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.

d. Additional copies of this publication may be requisitioned from: U.S. Army Adjutant General Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220. See DA Pamphlet 310-10-2 for proper requisitioning procedures.

3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062). Refer to Chapter 2, AR 710-2. Additional information required to complete DA Form 2062 is listed below:

a. Hand receipts shall identify the accounting requirement status of all line entries via the description column for each item: i.e., the first entry in the description column shall be the line item's Expendability (EXP)/Accounting Requirements Code (ARC), in parentheses, in front of the line item name. One of the following codes will apply:

(N) For Nonexpendable: Items not consumed in use, retaining their identity during use, and requiring that accountability be maintained throughout the life of the item.

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- (D) For Durable: Nonconsumable components of sets, kits, outfits, and assemblages; all tools in FSC'S 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not already "N".
- (X) For Expendable: Items regardless of type classification or price and which are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less and not already "N" or "D".

b. Authorization documents are as follows:

(1) Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).

(2) Basic Issue Items (BII) are authorized by the applicable operator's manual.

(3) Additional Authorization List (AAL) items are authorized by the appropriate MTOE, TDA, CTA, or JTA authorization documents.

Section II. Hand Receipt

HAND RECEIPT/ANNEX NUMBER <i>For use of this form, see DA PAM 710-2-1. The proponent agency is ODCSLOG.</i>		FROM	TO	HAND RECEIPT NUMBER					
FOR ANNEX CR ONLY	END ITEM STOCK NUMBER	END ITEM DESCRIPTION	PUBLICATION NUMBER	PUBLICATION DATE	QUANTITY				
6675-01-106-6815	Mosaicking/Drafting Section	TM 5-6675-321-14	28 June 1985	A	B	C	D	E	F
STOCK NUMBER a.	ITEM DESCRIPTION h.	* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY			
6675-01-106-6815	(N) TOPOGRAPHIC SUPPORT SYSTEM MOSAICKING/DRAFTING			EA	1				
	SECTION MODEL ADC-TSS-10								
	COMPONENTS OF END ITEM (COEI)								
4120-00-974-7206	(N) AIR CONDITIONER (B1349) MIL-A-52767			EA	2				
	(N) BASE, FILING CABINET (88915) S4634			EA	1				
2510-01-033-7967	(X) BODY, VAN TRAILER (97403) TL/MIL-B-13207/3, SIZE 30 ISO 1B			EA	1				
7195-00-105-7941	(X) BULLETIN BOARD, CORK (79819) T5-2303			EA	1				
	(N) CABINET, STORAGE, SUPPLY (97403) 13225E3792			EA	2				
7125-00-286-5259	(N) CABINET, STORAGE, WALL (97403) 13225E3150			EA	7				
	(N) CABINET, STORAGE, TECH MANUALS (97403) 13225E4648			EA	1				
6150-00-134-0847	(X) CABLE ASSEMBLY, POWER ELECTRICAL (90129) RC1736-5, EXCEPT 50.5 FT LG			EA	2				
7420-01-139-7441	(X) CALCULATING MACHINE (5114) HP-32E			EA	1				

* WHEN USED AS A:

- HAND RECEIPT, enter Hand Receipt Annex Number
- HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes
- HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY						
						A	B	C	D	E	F	
	COEI CONTINUED											
7105-00-269-8463	(X) CHAIR, FOLDING (04718) 42-699/9DL			EA	2							
7110-00-273-8791	(N) CHAIR, ROTARY (9D146) S-17			EA	4							
4940-00-195-7251	(X) CLEANER, ULTRASONIC (79819) 3069 USC 3			EA	1							
7110-00-267-2784	(X) FILING CABINET (37296) 30-3410-1			EA	5							
	(N) FILING CABINET, MAP AND PLAN (88915) F3445			EA	2							
5440-01-152-7751	(N) LADDER, EXTENSION-FOLDING (39428) 8028T16			EA	1							
2540-01-133-9726	(X) LADDER, VEHICLE BOARDING (51745) 13225E3074			EA	2							
	(N) LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE			EA	2							
	SHELTER, LEFT HAND (52555) 1390-4											
	(N) LIFTING AND TIEDOWN DEVICE, TRANSPORTABLE			EA	2							
	SHELTER, RIGHT HAND (52555) 1390-3											
	(X) LIGHT, EMERGENCY (97403) 13225E3396			EA	1							
5975-00-878-3791	(X) ROD, GROUND (82370) A104			EA	1							
2330-01-076-4797	(N) SEMITRAILER, FLATBED (97403) MERADCOM			EA	1							
	TL/MIL-B-13207, PAR. 3.11, FIG. 12, TABLES III											
	AND IV											
5120-01-013-1676	(D) SLIDE HAMMER, GROUND ROD EMPLACEMENT (45225)			EA	1							
6675-01-203-1049	(N) TABLE, SCRIBING, TRACING, DRAFTING (33363)			EA	4							
	99-9933											
	(N) TOP, FILING CABINET (88915) T3445			EA	1							

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY						
						A	B	C	D	E	F	
	BASIC ISSUE ITEMS (BIL)											
8415-00-100-7742	(X) APRON, LABORATORY (85491) 1130			BX	2							
6675-01-114-7226	(X) BAR, EXTENSION BEAM, COMPASS (33363) 55-1818			EA	1							
6675-01-071-8913	(X) BEAM ATTACHMENT, DRAFTING COMPASS (79819)			EA	2							
	P/N 3175B											
6530-00-772-0326	(X) BOWL, SURGICAL SPONGE (05668) 7272-00			EA	6							
8020-00-224-8022	(X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, SIZE 6			EA	3							
8020-00-262-9099	(X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, SIZE 8			EA	3							
8020-00-264-3883	(X) BRUSH, ARTIST'S, SQUIRREL TAIL (79819) 9382, SIZE 12			EA	3							
8020-00-598-5907	(X) BRUSH, ARTIST'S, RED SABLE (79819) 9355, SIZE 6			EA	3							
8020-00-224-8027	(X) BRUSH, ARTIST'S, RED SABLE (79819) 9355, SIZE 8			EA	3							
7920-00-291-5812	(X) BRUSH, DUSTING, DRAFTSMAN'S (79819) Q6-38NB-010			EA	6							
8020-00-260-1298	(X) BRUSH, VARNISH (39428 7799T5			EA	6							
7920-00-291-5815	(X) BRUSH, WIRE, SCRATCH (39428) 7187T2			EA	1							
5640-00-849-9850	(X) BUILDING BOARD, HARD PRESSED, VEGETABLE FIBER, (84287) III-R-810 TYPE I, FINISH I, DESIGN A			SH	6							

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	*	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY										
						A	B	C	D	E	F					
	BILL CONTINUED															
6675-00-459-8935	(X) COMPASS, DRAFTING BEAM, ADJUSTABLE (79819)			EA	1											
	3175															
6675-00-904-1947	(X) COMPASS, DRAFTING BEAM, 24 IN. (33363) 55-1806			EA	1											
6675-01-071-8912	(X) COMPASS, DRAFTING LEAD ATTACHMENT (79819)			EA	1											
	3175LA															
	(N) CONTAINER ASSY, AERIAL FILM VIEWER 13225E3679			EA	1											
	(X) COVER, WORKING SURFACE, BOARD DRAFTING (33363)			EA	6											
	P/N 99-9970															
6675-00-244-0445	(X) CURVE, DRAFTING, IRREGULAR (79819) 8255-F			EA	6											
6675-00-641-3512	(X) DIVIDERS, DRAFTING, PLAIN (33363) 55-2910			EA	4											
6675-00-526-7323	(N) DRAFTING EQUIPMENT SET, SUPPLEMENTARY,			SE	4											
	SC6675-90-CL-N06															
7490-00-770-7955	(N) ERASER, ELECTRIC (33363) 58 0571			EA	4											
4210-00-555-8837	(N) EXTINGUISHER, FIRE, MONOBROMOTRIFLUOROMETHANE (33525) T2			EA	2											
6545-00-922-1200	(D) FIRST AID KIT, GENERAL PURPOSE (89875)			EA	1											
	SC C-6545-IL, VOL 2															
5210-00-619-7680	(D) GAUGE, THICKNESS (80244) GGG-G-17 TYRCLISTA			EA	2											
	(X) HOLDER, SANDING DISK (39428) P/N 4731A2			EA	8											
5110-00-595-8400	(X) KNIFE, CRAFTSMAN'S (99941) 3001			EA	6											

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY								
						A	B	C	D	E	F			
	BII CONTINUED													
5110-00-595-8406	(X) KNIFE, CRAFTSMAN'S (79819) Q5-3041-2			EA	8									
7520-01-008-7640	(X) LEAD REPOINTER, PENCIL (79819) 992WB			EA	4									
7520-00-295-6170	(X) LEAD REPOINTER, PENCIL (79819) 234			EA	6									
6675-01-034-3110	(X) LETTERING SET, RAPIDOMETRIC, (SCRIBE, PENS, INK) (79819) 3001JS9			SE	1									
6675-01-034-3109	(N) LETTERING SET (79819) 3036JS5			SE	1									
6675-00-190-5854	(X) LINE GUIDE, LETTERING, NONADJUSTABLE (17866) 2030B6			EA	6									
6650-00-299-9681	(N) MICROSCOPE, OPTICAL (06175) 31-29-33-34			EA	2									
6650-00-477-9613	(X) MAGNIFIER, MONOCULAR, LAMP TYPE (15607) KFM-1/B5D			EA	4									
6650-00-255-8268	(X) MAGNIFIER, MONOCULAR, LINEN TESTER (79819) Q8-9518			EA	6									
6650-00-256-9060	(X) MAGNIFIER, MONOCULAR, READING TYPE (79819) Q8-9526			EA	1									
6675-00-222-2542	(X) MEASURER, MAP (33363) 62-0300			EA	1									
5340-00-682-1505	(X) PADLOCK SET (38797) MS21313-52			SE	1									
6675-00-641-5727	(X) SCALE, DRAFTING (33363) 56-3280			EA	3									
6675-00-641-5724	(X) SCALE, DRAFTING (79819) 8228-20			EA	6									
6675-00-238-3498	(X) SCALE, DRAFTING (79819) 8230-E12			EA	6									

STOCK NUMBER <i>a.</i>	ITEM DESCRIPTION <i>b.</i>	* <i>c.</i>	SEC <i>d.</i>	UI <i>e.</i>	QTY AUTH <i>f.</i>	QUANTITY													
						A	B	C	D	E	F								
	BII CONTINUED																		
6675-00-580-5077	(X) SCALE, PLOTTING (81349) MIL-S-20197			EA	1														
6675-00-283-0027	(X) SCALE, PLOTTING (81348) GG-S-161			EA	6														
7330-00-680-2636	(X) SCRAPER, RUBBER (81348) ZZ-S-70			EA	1														
5120-00-234-8913	(X) SCREWDRIIVER, CROSS TIP, SIZE 2 (81348)			EA	1														
	GGG-S-121																		
5120-00-234-8910	(X) SCREWDRIIVER, FLAT TIP (78525) 1006			EA	1														
7520-00-162-6178	(X) SHARPENER, PENCIL (79819) U8-1031, MODEL KS			EA	1														
7510-00-224-7242	(X) SHIELD, ERASING (81348) GG-S-321			DZ	1														
6675-00-641-3561	(X) STEREOSCOPE, LENS, AERIAL PHOTOGRAPH			EA	6														
	INTERPRETATION (88997) 2POWERXSTEREOSCOPE																		
6675-00-641-5752	(X) STRAIGHTEDGE (81348) GG-S-776, TYPE II			EA	2														
	(X) STRAP ASSEMBLY, WEBBING, 35.00 IN. (98313)			EA	12														
	13225E3695-2																		
	(X) STRAP ASSEMBLY, WEBBING, 45.00 IN. (98313)			EA	1														
	13225E3695-3																		
	(X) STRAP ASSEMBLY, WEBBING, 55.00 IN. (98313)			EA	4														
	13225E3695-6																		
	(X) STRAP ASSEMBLY, WEBBING, 65.00 IN. (98313)			EA	1														
	13225E3695-5																		

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY									
						A	B	C	D	E	F				
	B.II. CONTINUED														
	(X) STRAP ASSEMBLY, WEBBING, 29.00 IN. (98313)			EA	2										
	13225E3695-13														
	(X) STRAP ASSEMBLY, BUCKLE-END, 6.0 IN. (82820)			EA	11										
	1844-104														
	(X) STRAP ASSEMBLY, BUCKLE-END, 7.0 IN. (82820)			EA	2										
	1844-102														
	(X) STRAP ASSEMBLY, BUCKLE-END, 8.0 IN. (82820)			EA	2										
	1844-101														
	(X) STRAP ASSEMBLY, BUCKLE-END, 9.0 IN. (82820)			EA	2										
	1844-103														
	(X) STRAP ASSEMBLY, TIP-END, 8.0 IN. (82820)			EA	6										
	1845-107														
	(X) STRAP ASSEMBLY, TIP-END, 36.0 IN. (82820)			EA	1										
	1845-106														
	(X) STRAP ASSEMBLY, TIP-END, 40.0 IN. (82820)			EA	6										
	1845-101														
	(X) STRAP ASSEMBLY, TIP-END, 58.0 IN. (82820)			EA	4										
	1845-105														
6675-00-532-8898	(X) TEMPLATE, DRAFTING (33363) 61-2300			EA	12										

STOCK NUMBER a.	ITEM DESCRIPTION b.	* c.	SEC d.	UI e.	QTY AUTH f.	QUANTITY											
						g.	A	B	C	D	E	F					
	B.I. CONTINUED																
5140-00-331-5496	(D) TOOL BOX, PORTABLE, 1 FIXED HINGED TRAY (75206) CS 19			EA	6												
5140-00-315-2747	(D) TOOL BOX, PORTABLE, 1 REMOVABLE TRAY (75206) CS 16			EA	1												
6740-00-224-9679	(X) TRAY, PROCESSING, PHOTOGRAPHIC (08215) 2228-3			EA	1												
6675-00-190-5867	(X) TRIANGLE, DRAFTING, 1 30 DEG, 1 60 DEG (33363) 57-0220, SIZE 10			EA	6												
6675-00-190-5863	(X) TRIANGLE, DRAFTING, 1 30 DEG, 1 60 DEG (33363) 57-0220, SIZE 14			EA	6												
6675-00-190-5862	(X) TRIANGLE, DRAFTING, 2 45 DEGS (33363) 57-0292, SIZE 8			EA	6												
6675-00-190-5864	(X) TRIANGLE, DRAFTING, 2 45 DEGS (33363) 57-0292, SIZE 12			EA	6												
6675-00-183-6487	(X) T-SQUARE (81562) 8068E			EA	2												
5120-00-224-7271	(X) VISE, PIN (18037) PVDE			EA	6												
5120-00-264-3795	(X) WRENCH, ADJUSTABLE, 6.0 IN. (80244) GGG-W-631-TY1CL1			EA	1												
TM 5-6675-321-14	OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT, MOSAICKING/DRAFTING SECTION			EA	1												

By Order of the Secretary of the Army:

Official:

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General, United States Army
Chief of Staff

DONALD J. DELANDRO
Brigadier General, United States Army
The Adjutant General

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



SOMETHING WRONG WITH THIS PUBLICATION?

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FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEONARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-6675-321-14-HR

PUBLICATION DATE

3 Sept 1985

PUBLICATION TITLE Hand Receipt for TSS

Mosaicking/Drafting Section

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
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6

2-1
a

B1

4-3

125

line 20

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim. Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2
1 JUL 79

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P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS

TEAR ALONG PERFORATED LINE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY
DOD 314



TEAR ALONG PERFORATED LINE

COMMANDER
U S ARMY TROOP SUPPORT COMMAND
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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

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DATE SENT

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3 Sept 1985

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Mosaicking/Drafting Section

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
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IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TEAR ALONG PERFORATED LINE

PRINTED NAME GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE

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TEAR ALONG PERFORATED LINE

COMMANDER
U S ARMY TROOP SUPPORT COMMAND
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ST. LOUIS, MO 63120-1798

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TEAR ALONG PERFORATED LINE

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RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



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PARA-GRAPH

FIGURE NO

TABLE NO

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE

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UNIT'S ADDRESS

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DEPARTMENT OF THE ARMY

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The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = .15 grain
 1 decigram = 10 centigrams = 1.54 grains
 1 gram = 10 decigrams = .035 ounce
 1 dekagram = 10 grams = .35 ounce
 1 hectogram = 10 dekagrams = 3.52 ounces
 1 kilogram = 10 hectograms = 2.2 pounds
 1 quintal = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 33.81 fl. ounces
 1 dekaliter = 10 liters = 2.64 gallons
 1 hectoliter = 10 dekaliters = 26.42 gallons
 1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
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